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ATTORNEY DOCKET NO. 03269.0109U1  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Dennis J. Jones, Jr. ) Art Unit: 1751  
Application No. 10/627,945 ) Examiner: Hamlin, D.  
Filing Date: July 24, 2003 ) Confirmation No. 3664  
For: METHODS OF TREATING AND )  
CLEANING FIBERS, CARPET YARNS )  
AND CARPETS )

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicant and/or his attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicant.

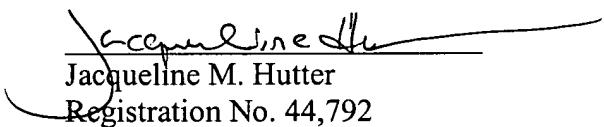
ATTORNEY DOCKET NO. 03269.0109U1  
Application No. 10/627,945

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

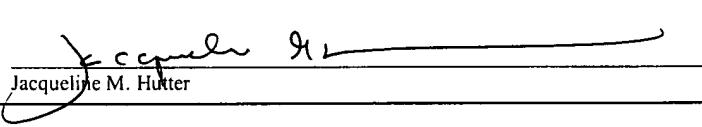
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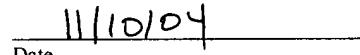
  
Jacqueline M. Hutter  
Registration No. 44,792

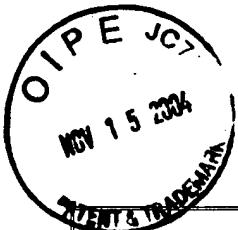
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Jacqueline M. Hutter

  
Date  
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ATTORNEY DOCKET NO. 03269.0109U1

APPLICATION NO. 10/627,945

SHEET 1 OF 2

## INFORMATION DISCLOSURE STATEMENT LIST

Complete if Known	
Application Number	10/627,945
Filing Date	July 24, 2003
First Named Inventor	Jones Jr.
Group Art Unit	1751
Examiner Name	Hamlin, D.

### U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	6,811,574	11/2/04	Baumann et al.	8	444	
	A2	6,613,862	09/02/03	Clark et al.	528	49	
	A3	6,524,492	02/25/03	Williams et al.	252	8.62	
	A4	6,197,378	03/06/01	Clark et al.	427	315	
	A5	6,098,392	08/08/00	Tung	57	14	
	A6	6,024,770	02/15/00	De Lathauwer	8	595	
	A7	6,023,823	02/15/00	Yeh et al.	28	101	
	A8	5,851,595	12/22/98	Jones, Jr.	427	393.4	
	A9	5,738,688	04/14/98	De Lathauwer	8	115.56	
	A10	5,681,604	10/28/97	Li et al.	426	540	
	A11	5,639,500	6/13/97	Fusi et al.	426	540	
	A12	5,571,551	11/05/96	Fusi et al.	426	540	
	A13	5,520,962	5/28/96	Jones Jr.	427	393.4	
	A14	5,417,724	05/23/95	Pacifci et al.	8	554	
	A15	5,230,708	07/27/93	Haney et al.	8	115.6	
	A16	4,937,123	06/26/90	Chang et al.	428	96	
	A17	4,822,373	04/18/99	Olsen et al.	8	115.6	
	A18	4,781,844	11/01/88	Kortmann et al.	252	8.6	
	A19	4,351,736	09/28/82	Steinberger et al.	252	8.6	
	A20	3,999,940	12/28/76	Freeman	8	595	
	A21	3,961,881	06/08/76	Sumner et al.	8	17	
	A22	3,669,611	06/13/73	Shimauchi et al	8	595	
	A23	2,480,775	08/30/49	Ryan	8	55	
	A24	2004/0060121	04/01/04	Williams et al.	8	115.51	
	A25	2003/0203153	10/30/03	Jones Jr.	428	95	
	A26	2003/0157256	04/21/03	Yamaguchi et al.	427	378	
	A27	2003/0051294	03/20/03	Yamaguchi et al.	8	115.51	
	A28	2002/0189023	12/19/02	Yamaguchi et al.	8	115.51	
	A29	2002/0151644	10/17/02	Williams et al.	524	801	
	A30	2002/0005250	01/17/02	Jerdee et al.	156	311	

### FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
	A31	EP 0 261 637	03/30/88	Gamblin	
	A32	JP 58 154 772	09/14/83	Daiwa Marcant Kogyo	Abstract Only
	A33	JP 61 174 485	08/06/86	Kanebo	No
	A34	GB 1 254 541	11/24/71	Fung	
	A35	JP 62 238 887	03/04/86		No

Examiner Signature:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT LIST</b>		Complete if Known	
		Application Number	10/627,945
		Filing Date	July 24, 2003
		First Named Inventor	Jones Jr.
		Group Art Unit	1751
		Examiner Name	Hamlin, D.
<b>NON-PATENT DOCUMENTS</b>			
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)	
	A36	Baxley and Miller, "Effects of suessen heat setting variables on streaks in finished nylon carpet" Textile Res. J. 61(12):697-704 (1991)	
	A37	Cook et al. "The effect of some aromatic hydroxyl compounds on the absorption of anionic dye by nylon 6," Textile Res. J. 47(244):244-249 (1977)	
	A38	DuPont Filaments, Conditioning Nylon Filaments, Technical Information	
	A39	Gupta et al. "Dye-uptake behaviour of nylon-6 filaments and its structural dependence" JSDC 116:385-390 (2000)	
	A40	Harris and Hangey. "Stain Resist chemistry for nylon-6 carpet" SAC Synthesis 21(11):25-30 (1989)	
	A41	<a href="http://aml.arizona.edu/classes/mse222/1998/nylon66/mse22.htm">http://aml.arizona.edu/classes/mse222/1998/nylon66/mse22.htm</a>	
	A42	<a href="http://www.apparelssearch.com/education_reserach_nonwoven_nylon_fiber.htm">http://www.apparelssearch.com/education_reserach_nonwoven_nylon_fiber.htm</a>	
	A43	Ogasawara et al, "Studies on the mechanism of dye fixation. Part 10. Effect of after treatment with tannic acid on the fixation of disperse, acid, direct and basic dyes." Textiles 7:73 (1982)	
	A44	Rodger and Lee, "Structural Properties of Nylon 66 Carpet yarns observed with near infrared analysis" Textile Res. J. 61(9):531-536 (1991)	
	A45	Rollins et al. "Thermal mechanical analysis (TMA) and yarn shrinkage as methods to determine heat set temperature in nylon" American Dyestuff Reporter 36-41(1998)	
	A46	Sichina, "Detection of Heat set temperatures of nylon 66 carpet yarns by DSC" Perkin Elmer instruments; <a href="http://www.PerkingElmer.com">www.PerkingElmer.com</a> (2000)	
	A47	Tincher et al. "Characterization of heat set nylon carpet yarn" Applications of NIRS 18(2):25-30 (1996)	
	A48	Trotman, "Dyeing and Chemical technology of textiles fibers" 6 <sup>th</sup> edition:474-478,480 (1984)	
Examiner Signature:		Date Considered:	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			